

### Abstract of the Disclosure

The invention provides apparatus and methods for a removable and transportable mass data storage system assimilating multiple levels of abstraction, automation and hot-swappable, fault-tolerant modularization. In providing such a system, a means for or method of reducing or bypassing the amount of time needed for information exchange before such system can be removed and transported is provided. The means or method enables the information to be quickly physically transported from a hardware platform in which it was acquired to a hardware venue in which it could be examined, offloaded, stored, safeguarded, or the like. The means or method would enable rapid insertion of blank media for an immediate continuance of any originating process. The means or method would facilitate rapid exchanges of databases, expert systems, multimedia content, reconnoitered information, and the like.